

Abstract

The rotating valve for high performance liquid chromatography (HPLC) has a stator with connections for the solvent reservoirs, pumps, chromatography columns etc. and a disc-shaped rotor with connecting grooves on the front face for selectively connecting different connections to one another. Said grooves are evenly distributed on two concentrical circles. The connecting grooves on the front face of the rotor are configured in the form of circular segments and are arranged in such a way that five connections are simultaneously connected to one another in defined positions of the rotor in each circle.

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